



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Salt Lake City, Utah 84180-1203
801-538-5340

February 19, 1993

Mr. Duane Crutchfield
Plant Manager
Ash Grove Cement Company
P. O. Box 51
Nephi, Utah 84648

Dear Mr. Crutchfield:

Re: Review of Large Mining Operation Notice of Intention, Ash Grove Cement Company, County Canyon Mine, M/023/024. Juab County, Utah

The Division has completed a review of your latest plan response, received January 22, 1993. After reviewing the information you submitted, the Division has the following comments which still need to be addressed before tentative approval can be granted. The comments are listed below under the applicable Minerals Rule heading. Please format your response in a similar fashion.

110.5 - Revegetation planting program and topsoil redistribution

Please include the following species in your mix: Bluebunch wheatgrass (*Agropyron spicatum*), 2 lbs/acre; Indian ricegrass (*Oryzopsis hymenoides*), 2 lbs/acre; Cliffrose (*Cowania mexicana*), 2 lbs/acre.

R647-4-112 - Variance

The Division will grant the operator's request for a variance on the existing haul road. The road is also a county road and was pre-existing. The operator has committed to reclaim the proposed 1.8 mile road and the 1991 Ash Grove road, shown on attachment #6, of the plan.

R647-4-113 - Surety

In your latest response, no comments were provided concerning the sample surety we generated (please see attached). We will still need any information you can provide

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concerning the anticipated amount/volume of material that will be used for backfilling and regrading upon final reclamation. This information will assist us in finalizing the draft reclamation estimate.

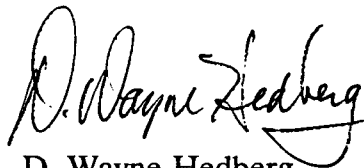
Again, please comment on the figures which we have already developed. If they seem inaccurate, you may want to generate another reclamation estimate for the Division's evaluation.

The Division will prepare a permanent surety figure, based on an *assumed* amount of backfilling and grading costs, if Ash Grove is unable to provide this information.

General Comments

The Division will suspend further review of the County Canyon NOI until your response to this letter is received. If you have any questions in this regard, please contact me or Holland Shepherd of the Minerals staff. Thank you for your cooperation in this permitting review.

Sincerely,

A handwritten signature in black ink, reading "D. Wayne Hedberg". The signature is fluid and cursive, with the first name "D." and last name "Hedberg" clearly legible.

D. Wayne Hedberg
Permit Supervisor
Minerals Regulatory Program

jb
Attachment
cc: Rody Cox, BLM, Warm Springs RA
Lowell Braxton, DOGM
M023024.rvw

County Canyon Mine
Juab County M/023/024

December 15, 1992

TOTAL SURFACE DISTURBANCE 22 ACRE

Reclamation Description	Amount	Unit	\$/Unit	Cost(\$)
Backfilling & Grading	?	CY	\$0.30	\$0
Ripping & Regrading Roads	8	acre	\$600.00	\$4,500
Ripping & Regrading Pads	14	acre	\$600.00	\$8,400
Placing Topsoil	15,100	CY	\$0.84	\$12,684
Mulch, Disc, Fert., Seed	22	acre	\$500.00	\$11,000
Mobilization	1	Sum	***	\$1,500

	SUBTOTAL	\$38,084	(1992 \$'s)
	+10% CONTINGENCY	\$3,808	
	SUBTOTAL	\$41,892	
+ ESCALATION	(1.27% for 5 years)	\$2,729	
	SUBTOTAL	\$44,621	(1997 \$'s)

Rounded Total = \$44,600

Cost/acre = \$2,027

[illegible]